

# METHOD AND APPARATUS FOR MANAGING QUALITY OF SERVICE IN NETWORK DEVICES

## ABSTRACT OF THE DISCLOSURE

A network system comprises a network of data sources interconnecting plural clients by way  
5 plural network devices. A data server achieves flexibility in its use of network resources by  
altering the attributes of one or more network devices along the communication channels  
between the data server and the plural clients. This is accomplished during the normal course  
of data transmissions to the plural clients, thus providing real time control over the network  
device attribute. The invention is particularly useful in data servers, such as a video server  
10 system, in which data transmissions are characterized by a long sequence of data packets.

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